



Global LCD Panel Exchange Center

Product Specification AU OPTRONICS CORPORATION

- () Preliminary Specifications(V) Final Specifications

| Module | 12.5"(12.49") HD 16:9 Color TFT-LCD with LED Backlight design | |
|------------|---|--|
| Model Name | B125XW02 V0 (H/W:0A) | |
| Note | LED Backlight with driving circuit design | |

| Customer | Date |
|---|---------------------|
| Checked & Approved by | Date |
| Note: This Specification is without notice. | s subject to change |

| Approved by | Date | | | |
|--|-------------------|--|--|--|
| Emerson Huang | <u>2011/03/09</u> | | | |
| Prepared by | Date | | | |
| <u>Jimmy Lin</u> | <u>2011/03/08</u> | | | |
| NBBU Marketing Division AU Optronics corporation | | | | |





Contents

| . Handling Precautions | |
|--|----|
| 2. General Description | |
| 2.1 General Specification | |
| 2.2 Optical Characteristics | |
| B. Functional Block Diagram | |
| l. Absolute Maximum Ratings | |
| 4.1 Absolute Ratings of TFT LCD Module | |
| 4.2 Absolute Ratings of Environment | |
| 5. Electrical Characteristics | 13 |
| 5.1 TFT LCD Module | |
| 5.2 Backlight Unit | 15 |
| 5. Signal Interface Characteristic | 16 |
| 6.1 Pixel Format Image | 16 |
| 6.2 The Input Data Format | 17 |
| 6.3 Integration Interface Requirement | 18 |
| 6.4 Interface Timing | 20 |
| 6.5 Power ON/OFF Sequence | 21 |
| 7. Panel Reliability Test | 22 |
| 7.1 Vibration Test | |
| 7.2 Shock Test | 22 |
| 7.3 Reliability Test | 22 |
| B. Mechanical Characteristics | |
| 8.1 LCM Outline Dimension | 23 |
| D. Shipping and Package | 25 |
| 9.1 Shipping Label Format | |
| 9.2 Carton Package | |
| 9.3 Shipping Package of Palletizing Sequence | |
| lO. Appendix | |

10.1 EDID Description.....





Record of Revision

| Ver | sion and Date | Page | Old description | New Description | Remark |
|-----|---------------|-------|--------------------------------------|--|--------|
| 0.1 | 2010/08/26 | AII | 1 st Edition for Customer | | |
| 0.2 | 2011/03/08 | 6 | 2 nd Edition for Customer | LC rising & falling time/ Color / Chromaticity | |
| 0.2 | 2011/03/08 | 15 | 2 nd Edition for Customer | Revised Backlight PWM input frequency | |
| 0.2 | 2011/03/08 | 26/27 | 2nd Edition for Customer | Carton Package/Shipping Packag | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

B125XW02 VU Document Version : 0.2

01 20





AU OPTRONICS CORPORATION

1. Handling Precautions

- 1) Since front polarizer is easily damaged, pay attention not to scratch it.
- 2) Be sure to turn off power supply when inserting or disconnecting from input connector.
- 3) Wipe off water drop immediately. Long contact with water may cause discoloration or spots.
- 4) When the panel surface is soiled, wipe it with absorbent cotton or other soft cloth.
- 5) Since the panel is made of glass, it may break or crack if dropped or bumped on hard surface.
- 6) Since CMOS LSI is used in this module, take care of static electricity and insure human earth when handling.
- 7) Do not open nor modify the Module Assembly.
- 8) Do not press the reflector sheet at the back of the module to any directions.
- 9) At the insertion or removal of the Signal Interface Connector, be sure not to rotate nor tilt the Interface Connector of the TFT Module.
- 11)After installation of the TFT Module into an enclosure (Notebook PC Bezel, for example), do not twist nor bend the TFT Module even momentary. At designing the enclosure, it should be taken into consideration that no bending/twisting forces are applied to the TFT Module from outside. Otherwise the TFT Module may be damaged.
- 12) Small amount of materials having no flammability grade is used in the LCD module. The LCD module should be supplied by power complied with requirements of Limited Power Source (IEC60950 or UL1950), or be applied exemption.
- 13) Disconnecting power supply before handling LCD modules, it can prevent electric shock, DO NOT TOUCH the electrode parts, cables, connectors and LED circuit part of TFT module that a LED light bar build in as a light source of back light unit. It can prevent electrostic breakdown.





AU OPTRONICS CORPORATION

2. General Description

B125XW02 V0 is a Color Active Matrix Liquid Crystal Display composed of a TFT LCD panel, a driver circuit, and LED backlight system. The screen format is intended to support the 16:9 HD, 1366(H) x768(V) screen and 262k colors (RGB 6-bits data driver) with LED backlight driving circuit. All input signals are LVDS interface compatible.

B125XW02 V0 is designed for a display unit of notebook style personal computer and industrial machine.

2.1 General Specification

The following items are characteristics summary on the table at 25 $^{\circ}\! \text{C}$ condition:

| Items | Unit | | Specif | ications | | |
|---|----------------------|---|-----------------------------|------------|-------|--|
| Screen Diagonal | [mm] | 317.3 | | | | |
| Active Area | [mm] | 276.615 X155.52 | | | | |
| Pixels H x V | | 1366x3(RG | B) x 768 | | | |
| Pixel Pitch | [mm] | 0.2025X0.2 | 025 | | | |
| Pixel Format | | R.G.B. Vert | ical Stripe | | | |
| Display Mode | | Normally W | hite | | | |
| White Luminance (ILED=20mA) (Note: ILED is LED current) | [cd/m ²] | 200 typ. (5 170 min. (5 | points avera points aver | • / | | |
| Luminance Uniformity | | 1.25 max. (| 5 points) | | | |
| Contrast Ratio | | 400 typ | | | | |
| Response Time | [ms] | 16 typ / 25 | Max | | | |
| Nominal Input Voltage VDD | [Volt] | +3.3 typ. | | | | |
| Power Consumption | [Watt] | 3.0 max. (Ir | nclude Logic | and Blu po | wer) | |
| Weight | [Grams] | 290 max. | | | | |
| Physical Size | [mm] | | Min. | Тур. | Max. | |
| | | Length | 291.2 | 291.7 | 292.2 | |
| | | Width | 173.3 | 173.8 | 174.3 | |
| | | Thickness | | - | 5.2 | |
| Electrical Interface | | 1 channel L | .VDS | | | |
| Glass Thickness | [mm] | 0.5 | | | | |
| Surface Treatment | | Anti-Glare, Hardness 3H, Reflection 4.3% | | | | |
| Support Color | | 262K colors | s (RGB 6-bi | t) | | |

B125XW02 V0 Document Version : 0.2





| Temperature Range | | |
|-------------------------|------|-----------------|
| Operating | [°C] | 0 to +50 |
| Storage (Non-Operating) | [°C] | -20 to +60 |
| RoHS Compliance | | RoHS Compliance |
| | | |

2.2 Optical Characteristics

| Item | | Symbol | Conditions | Min. | Тур. | Max. | Unit | Note |
|---------------------------|----------|--------------------------|--------------------------------------|----------|----------|-------|-------------------|----------|
| White Luminance ILED=20mA | | | 5 points average | 170 | 200 | - | cd/m ² | 1, 4, 5. |
| Viewing Angle | | heta r $	heta$ l | Horizontal (Right) CR = 10 (Left) | 40 40 | 45 45 | - | degree | 4.0 |
| viewing A | igie | ψ н ψ L | Vertical (Upper) CR = 10 (Lower) | 10 30 | 15 35 | - | | 4, 9 |
| Luminance Ur | iformity | δ 5P | 5 Points | - | - | 1.25 | | 1, 3, 4 |
| Luminance Ur | iformity | δ 13P | 13 Points |)_ | - | 1.50 | | 2, 3, 4 |
| Contrast F | latio | CR | | 300 | 400 | - | | 4, 6 |
| Cross ta | lk | % | | | | 4 | | 4, 7 |
| | | T_r | Rising | - | 6 | 9 | | |
| Response | Time | T_f | Falling | - | 2 | 5 | msec | 4, 8 |
| | | T_{RT} | Rising + Falling | - | - | - | | |
| | Red | Rx | | 0.550 | 0.580 | 0.610 | | |
| | ried | Ry | | 0.305 | 0.335 | 0.365 | | |
| | Green | Gx | | 0.300 | 0.330 | 0.360 | | |
| Color / Chromaticity | Green | Gy | | 0.535 | 0.565 | 0.595 | | |
| Coodinates | Divis | Bx | CIE 1931 | 0.125 | 0.155 | 0.185 | | 4 |
| | Blue | Ву | | 0.110 | 0.140 | 0.170 | | |
| | \\/\b:+- | Wx | | 0.283 | 0.313 | 0.343 | | |
| | White | Wy | | 0.299 | 0.329 | 0.359 | | |
| NTSC | | % | | | 45 | _ | | |

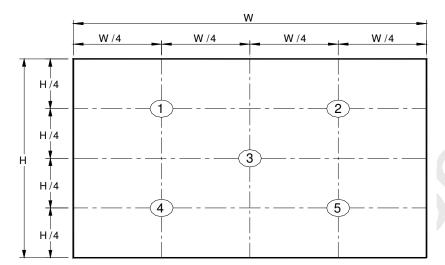
6 of 28



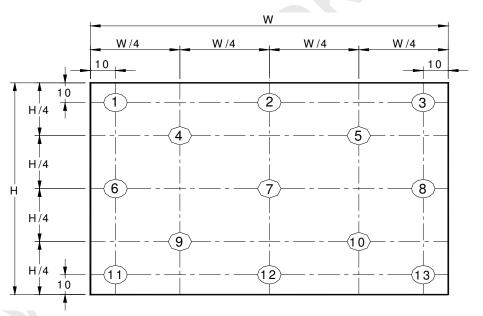
Global LCD Panel Exchange Center



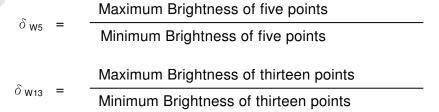
Note 1: 5 points position (Ref: Active area)



Note 2: 13 points position (Ref: Active area)



Note 3: The luminance uniformity of 5 or 13 points is defined by dividing the maximum luminance values by the minimum test point luminance

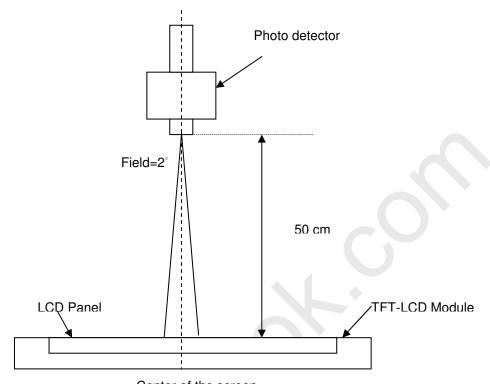


Note 4: Measurement method

The LCD module should be stabilized at given temperature for 30 minutes to avoid abrupt temperature change during measuring. In order to stabilize the luminance, the measurement should be executed after lighting



Backlight for 30 minutes in a stable, windless and dark room, and it should be measured in the center of screen.



Center of the screen

Note 5: Definition of Average Luminance of White (Y_L):

Measure the luminance of gray level 63 at 5 points \cdot $Y_L = [L(1) + L(2) + L(3) + L(4) + L(5)] / 5$

L (x) is corresponding to the luminance of the point X at Figure in Note (1).

Note 6: Definition of contrast ratio:

Contrast ratio is calculated with the following formula.

Note 7: Definition of Cross Talk (CT)

$$CT = |Y_B - Y_A| / Y_A \times 100 (\%)$$

Where

Y_A = Luminance of measured location without gray level 0 pattern (cd/m₂)

 $Y_B =$ Luminance of measured location with gray level 0 pattern (cd/m₂)

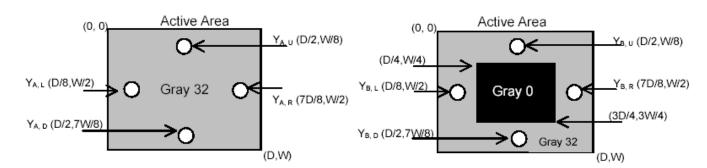




Global LCD Panel Exchange Center

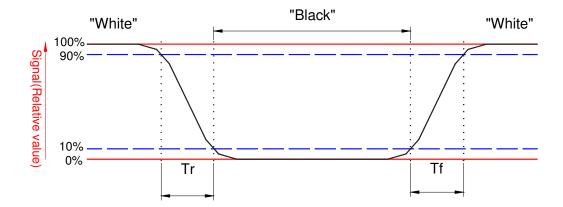
Product Specification

AU OPTRONICS CORPORATION



Note 8: Definition of response time:

The output signals of BM-7 or equivalent are measured when the input signals are changed from "Black" to "White" (falling time) and from "White" to "Black" (rising time), respectively. The response time interval between the 10% and 90% of amplitudes. Refer to figure as below.





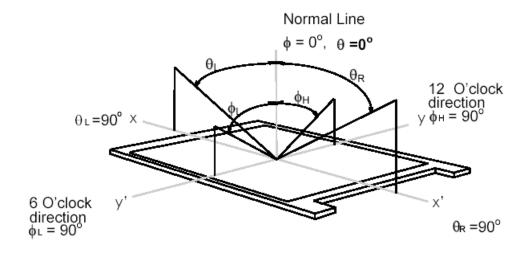




AU OPTRONICS CORPORATION

Note 9. Definition of viewing angle

Viewing angle is the measurement of contrast ratio \geq 10, at the screen center, over a 180° horizontal and 180° vertical range (off-normal viewing angles). The 180° viewing angle range is broken down as follows; 90° (θ) horizontal left and right and 90° (Φ) vertical, high (up) and low (down). The measurement direction is typically perpendicular to the display surface with the screen rotated about its center to develop the desired measurement viewing angle.



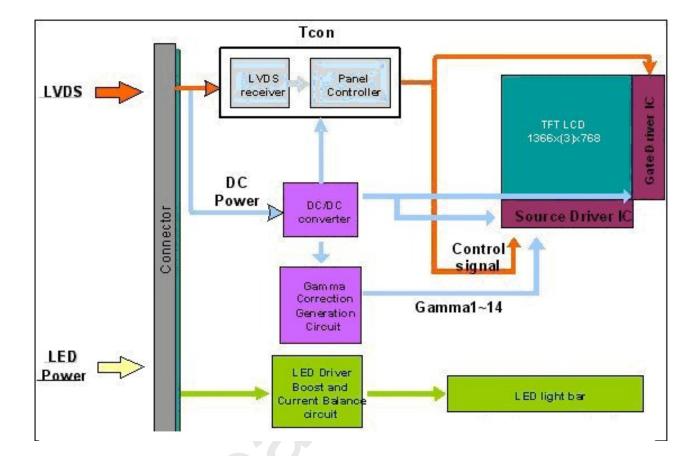
3125XW02 V0 <u>Document Version : 0.2</u>





3. Functional Block Diagram

The following diagram shows the functional block of the 12.5 inches wide Color TFT/LCD 40 Pin one channel Module







AU OPTRONICS CORPORATION

4. Absolute Maximum Ratings

An absolute maximum rating of the module is as following:

4.1 Absolute Ratings of TFT LCD Module

| Item | Symbol | Min | Max | Unit | Conditions |
|-------------------------|--------|------|------|--------|------------|
| Logic/LCD Drive Voltage | Vin | -0.3 | +4.0 | [Volt] | Note 1,2 |

4.2 Absolute Ratings of Environment

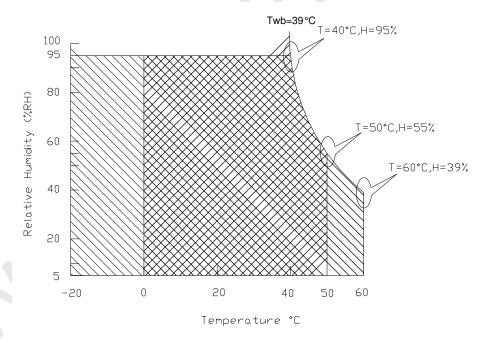
| iii i iii oo ii ii ii ii go o i ii ii ii o ii ii ii ii ii ii ii ii | | | | | | | | |
|--|--------|-----|-----|-------|------------|--|--|--|
| Item | Symbol | Min | Max | Unit | Conditions | | | |
| Operating Temperature | TOP | 0 | +50 | [°C] | Note 4 | | | |
| Operation Humidity | HOP | 5 | 95 | [%RH] | Note 4 | | | |
| Storage Temperature | TST | -20 | +60 | [°C] | Note 4 | | | |
| Storage Humidity | HST | 5 | 95 | [%RH] | Note 4 | | | |

Note 1: At Ta (25°C)

Note 2: Permanent damage to the device may occur if exceed maximum values

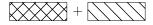
Note 3: LED specification refer to section 5.2

Note 4: For quality performance, please refer to AUO IIS (Incoming Inspection Standard).





Storage Range





5. Electrical Characteristics

5.1 TFT LCD Module

5.1.1 Power Specification

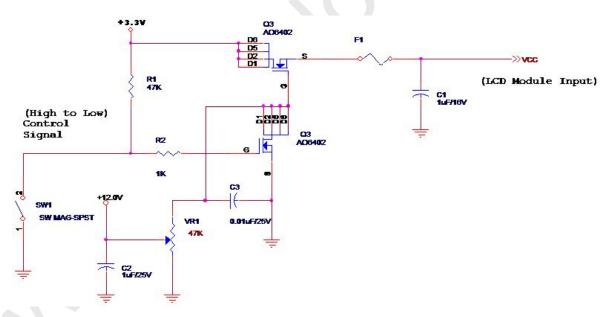
Input power specifications are as follows;

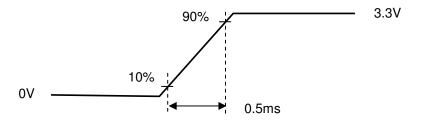
The power specification are measured under 25°C and frame frenquency under 60Hz

| Symble | Parameter | Min | Тур | Max | Units | Note |
|--------|--|-----|-----|------|-------------|--------|
| VDD | Logic/LCD Drive Voltage | 3.0 | 3.3 | 3.6 | [Volt] | |
| PDD | VDD Power | _ | - | 0.69 | [Watt] | Note 1 |
| IDD | IDD Current | - | _ | 230 | [mA] | Note 1 |
| lRush | Inrush Current | - | - | 2000 | [mA] | Note 2 |
| VDDrp | Allowable Logic/LCD Drive Ripple Voltage | - | - | 100 | [mV] p-p | |

Note 1: Maximum Measurement Condition: Black Pattern at 3.3V driving voltage. (Pmax=V3.3 x Iblack)

Note 2: Measure Condition





Vin rising time



Global LCD Panel Exchange Center



5.1.2 Signal Electrical Characteristics

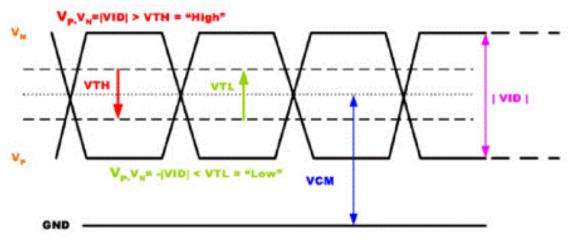
Input signals shall be low or High-impedance state when VDD is off.

Signal electrical characteristics are as follows;

| Parameter | Condition | Min | Max | Unit |
|-----------------|--|-------|-------|------|
| V _{TH} | Differential Input High Threshold (Vcm=+1.2V) | | 100 | [mV] |
| V _{TL} | Differential Input Low Threshold (Vcm=+1.2V) | -100 | - | [mV] |
| V _{ID} | Differential Input Voltage | 100 | 600 | [mV] |
| V _{CM} | Differential Input Common Mode Voltage | 1.125 | 1.375 | [V] |

Note: LVDS Signal Waveform

Single-end Signal







AU OPTRONICS CORPORATION

5.2 Backlight Unit

5.2.1 LED characteristics

| Parameter | Symbol | Min | Тур | Max | Units | Condition |
|--------------------------------|--------|--------|-----|------|--------|--|
| Backlight Power Consumption | PLED | - | - | 2.31 | [Watt] | (Ta=25°C), Note 1 Vin =12V |
| LED Life-Time | N/A | 12,000 | - | - | Hour | (Ta=25°C), Note 2 I _F =20 mA |

Note 1: Calculator value for reference $P_{LED} = VF$ (Normal Distribution) * IF (Normal Distribution) / Efficiency

Note 2: The LED life-time define as the estimated time to 50% degradation of initial luminous.

5.2.2 Backlight input signal characteristics

| Parameter | Symbol | Min | Тур | Max | Units | Remark |
|--------------------------------|---------|-----|------|------|--------|-------------------------------|
| LED Power Supply | VLED | 6.0 | 12.0 | 21.0 | [Volt] | |
| LED Enable Input High Level | VLED_EN | 2.5 | | 5.5 | [Volt] | |
| LED Enable Input Low Level | | 0 | - | 0.8 | [Volt] | Define as |
| PWM Logic Input High Level | | 2.5 | - | 5.0 | [Volt] | Connector Interface (Ta=25°C) |
| PWM Logic Input Low Level | VPWM_EN | - | - | 0.8 | [Volt] | , |
| PWM Input Frequency | FPWM | 100 | - | 20K | Hz | |
| PWM Duty Ratio | Duty | 5 | | 100 | % | |





6. Signal Interface Characteristic

6.1 Pixel Format Image

Following figure shows the relationship of the input signals and LCD pixel format.

| | 1 | | | | | | | 1. | 366 | 5 |
|------------|-------|---|-----|---------------|---|---|---|----|-----|---|
| 1st Line | R G B | R | G B | | R | G | В | R | G | В |
| | | | | · · · · · · · | | | | | • | |
| | | • | | | | | | | | |
| 768th Line | R G B | R | G B | | R | G | В | R | G | В |

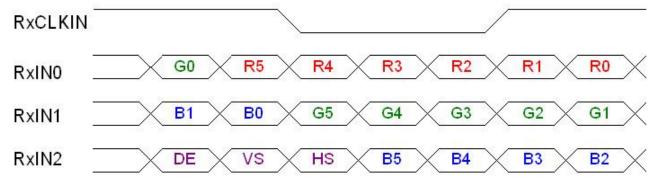






AU OPTRONICS CORPORATION

6.2 The Input Data Format



| 01 | | |
|-------------|--------------------|--|
| Signal Name | Description | |
| R5 | Red Data 5 (MSB) | Red-pixel Data |
| R4 | Red Data 4 | Each red pixel's brightness data consists of |
| R3 | Red Data 3 | these 6 bits pixel data. |
| R2 | Red Data 2 | |
| R1 | Red Data 1 | |
| R0 | Red Data 0 (LSB) | |
| | , , | |
| | Red-pixel Data | |
| G5 | Green Data 5 (MSB) | Green-pixel Data |
| G4 | Green Data 4 | Each green pixel's brightness data consists of |
| G3 | Green Data 3 | these 6 bits pixel data. |
| G2 | Green Data 2 | |
| G1 | Green Data 1 | |
| G0 | Green Data 0 (LSB) | |
| | | |
| | Green-pixel Data | |
| B5 | Blue Data 5 (MSB) | Blue-pixel Data |
| B4 | Blue Data 4 | Each blue pixel's brightness data consists of |
| B3 | Blue Data 3 | these 6 bits pixel data. |
| B2 | Blue Data 2 | · |
| B1 | Blue Data 1 | |
| В0 | Blue Data 0 (LSB) | |
| | ` ' | |
| | Blue-pixel Data | |
| RxCLKIN | Data Clock | The signal is used to strobe the pixel data and |
| | | DE signals. All pixel data shall be valid at the |
| | | falling edge when the DE signal is high. |
| DE | Display Timing | This signal is strobed at the falling edge of |
| | | RxCLKIN. When the signal is high, the pixel |
| | | data shall be valid to be displayed. |
| VS | Vertical Sync | The signal is synchronized to RxCLKIN. |
| HS | Horizontal Sync | The signal is synchronized to RxCLKIN. |

Note: Output signals from any system shall be low or High-impedance state when VDD is off.





6.3 Integration Interface Requirement

6.3.1 Connector Description

Physical interface is described as for the connector on module.

These connectors are capable of accommodating the following signals and will be following components.

| Connector Name / Designation | For Signal Connector |
|------------------------------|----------------------|
| Manufacturer | STM |
| Type / Part Number | MSAK24025P40 |
| Mating Housing/Part Number | PK24025P40 |

6.3.2 Pin Assignment

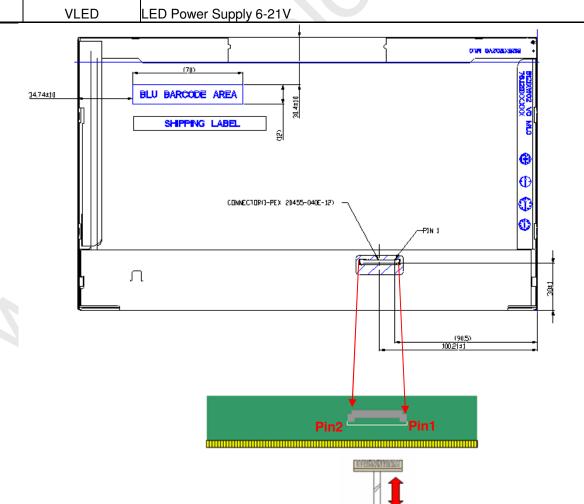
| PIN# | Signal Name | Description |
|------|-------------|---|
| 1 | NC | No Connection (Reserve) |
| 2 | VDD | Power Supply +3.3V |
| 3 | VDD | Power Supply +3.3V |
| 4 | VEDID | EDID +3.3V Power |
| 5 | NC | No Connect (Reserve) |
| 6 | CLK_EDID | EDID Clock Input |
| 7 | DAT_EDID | EDID Data Input |
| 8 | RxOIN0- | -LVDS Differential Data INPUT(Odd R0-R5,G0) |
| 9 | RxOIN0+ | +LVDS Differential Data INPUT(Odd R0-R5,G0) |
| 10 | VSS | Ground |
| 11 | RxOIN1- | -LVDS Differential Data INPUT(Odd G1-G5,B0-B1) |
| 12 | RxOIN1+ | +LVDS Differential Data INPUT(Odd G1-G5,B0-B1) |
| 13 | VSS | Ground |
| 14 | RxOIN2- | -LVDS Differential Data INPUT(Odd B2-B5,HS,VS,DE) |
| 15 | RxOIN2+ | +LVDS Differential Data INPUT(Odd B2-B5,HS,VS,DE) |
| 16 | VSS | Ground |
| 17 | RxOCKIN- | -LVDS Odd Differential Clock INPUT |
| 18 | RxOCKIN+ | -LVDS Odd Differential Clock INPUT |
| 19 | NC | No Connection |
| 20 | NC | No connection |
| 21 | NC | No connection |
| 22 | NC | No connection |



40

Product Specification AU OPTRONICS CORPORATION

| 23 | NC | No connection |
|----------|----------|-------------------------|
| 24 | NC | No connection |
| 25 | NC | No connection |
| 26 | NC | No connection |
| 27 | NC | No connection |
| 28 | NC | No connection |
| 29 | NC | No connection |
| 30 | NC | No connection |
| 31 | VLED_GND | LED Ground |
| 32 | VLED_GND | LED Ground |
| 33 | VLED_GND | LED Ground |
| 34 | NC | No Connection (Reserve) |
| 35 | VPWM_EN | PWM logic input level |
| 36 | VLED_EN | LED enable input level |
| 37 | NC | No Connection |
| 38 | VLED | LED Power Supply 6-21V |
| 39 | VLED | LED Power Supply 6-21V |
| <u> </u> | 1 | |



Note1: Input signals shall be low or High-impedance state when VDD is off.

19 of 28





AU OPTRONICS CORPORATION

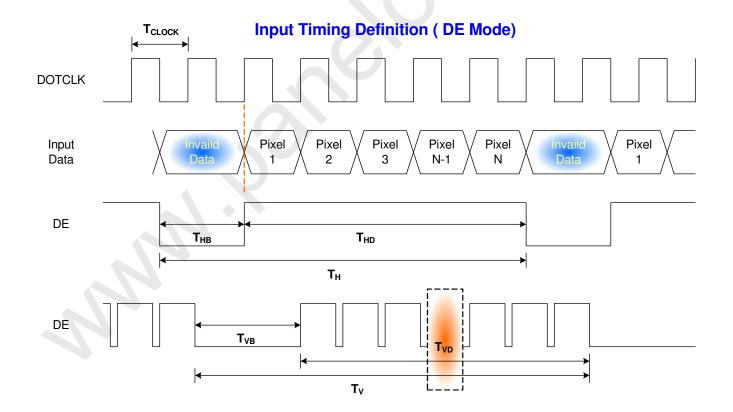
6.4.1 Timing Characteristics

Basically, interface timings should match the 1366x768 /60Hz manufacturing guide line timing.

| Parameter | | Symbol | Min. | Тур. | Max. | Unit |
|------------|----------|------------------------|------|------|--------------------------|--------------------|
| Frame | e Rate | - | - | 60 | - | Hz |
| Clock fr | equency | 1/ T _{Clock} | - | 69.3 | 80 | MHz |
| | Period | T _V | 776 | 793 | 1023 | |
| Vertical | Active | T _{VD} | 768 | | T _{Line} | |
| Section | Blanking | T _{VB} | 8 | 25 | 255 | |
| | Period | T _H | 1396 | 1454 | 2047 | |
| Horizontal | Active | T _{HD} | | 1366 | | T _{Clock} |
| Section | Blanking | T _{HB} | 40 | 88 | 681 | |

Note : DE mode only

6.4.2 Timing diagram



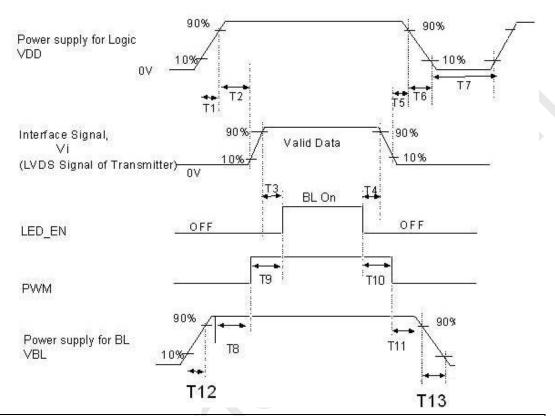




AU OPTRONICS CORPORATION

6.5 Power ON/OFF Sequence

Power on/off sequence is as follows. Interface signals and LED on/off sequence are also shown in the chart. Signals from any system shall be Hi-Z state or low level when VDD is off



| | Powe | r Sequence 1 | Γiming | |
|-----------|------|--------------|--------|-------|
| | | | | |
| Parameter | Min. | Тур. | Max. | Units |
| T1 | 0.5 | - | 10 | |
| T2 | 0 | - | 50 | |
| Т3 | 200 | - | - | |
| T4 | 0 | - | - | |
| T5 | 0 | - | - | |
| Т6 | 0 | - | 10 | |
| Т7 | 150 | - | - | ms |
| Т8 | 0 | - | - | |
| Т9 | 0 | - | - | |
| T10 | 0 | - | - | |
| T11 | 0 | - | - | |
| T12 | 0.5 | - | - | |
| T13 | 0 | - | - | |

Note: If T4<200ms, the display garbage may occur. We suggest T4>200ms to avoid the display garbage.

Note: If T1 or T12 < 0.5, the inrrush curren may cause the damage of fuse. If the T1 or T12<0.5, the

inrush current I² t is under typical melt of fuse Spec., there's no above-mentioned problem.





AU OPTRONICS CORPORATION

7. Panel Reliability Test

7.1 Vibration Test

Test Spec:

Test method: Non-Operation

Acceleration: 1.5 G

• Frequency: 10 - 500Hz Random

Sweep: 30 Minutes each Axis (X, Y, Z)

7.2 Shock Test

Test Spec:

Test method: Non-Operation

Acceleration: 220 G, Half sine wave

Active time: 2 ms

• Pulse: X,Y,Z .one time for each side

7.3 Reliability Test

| Items | Required Condition | Note |
|-------------------------------|---|--------|
| Temperature Humidity Bias | Ta= 40℃, 90%RH, 300h | |
| High Temperature Operation | Ta= 50℃, Dry, 300h | |
| Low Temperature Operation | Ta= 0℃, 300h | |
| High Temperature Storage | Ta= 60℃, 35%RH, 300h | |
| Low Temperature Storage | Ta= -20℃, 50%RH, 250h | |
| Thermal Shock Test | Ta=-20℃to 60℃, Duration at 30 min, 100 cycles | |
| ESD | Contact : ±8 KV | Note 1 |
| ESD | Air: ±15 KV | |

Note1: According to EN 61000-4-2, ESD class B: Some performance degradation allowed. Self-recoverable.

No data lost, No hardware failures.

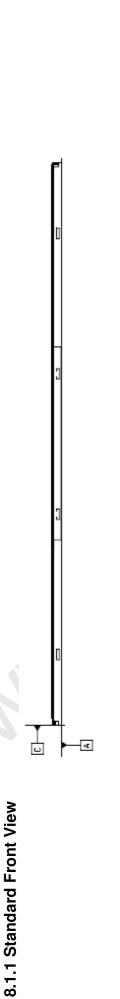
 $\textbf{Remark:} \ \mathsf{MTBF} \ (\mathsf{Excluding} \ \mathsf{the} \ \mathsf{LED}) \\ : 30,000 \ \mathsf{hours} \ \mathsf{with} \ \mathsf{a} \ \mathsf{confidence} \ \mathsf{level} \ 90\% \\$

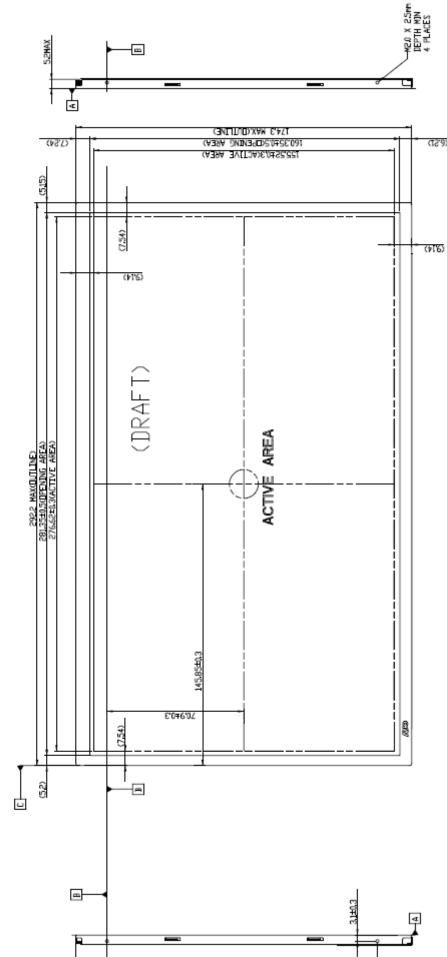
23 of 28



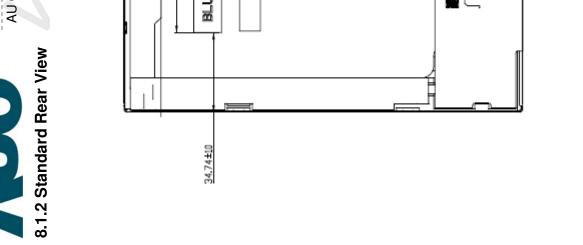
Product Specification AU OPTRONICS CORPORATION

8. Mechanical Characteristics 8.1 LCM Outline Dimension

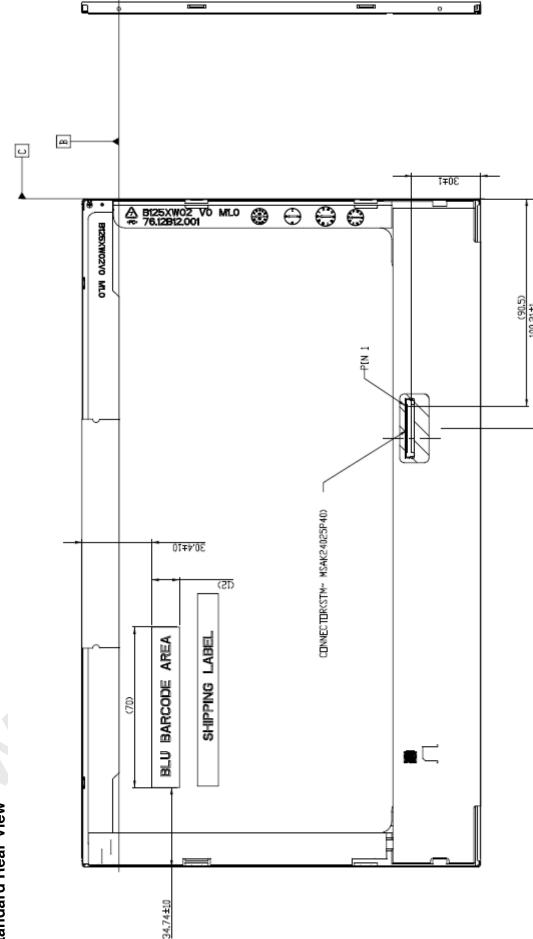




②











9. Shipping and Package

9.1 Shipping Label Format



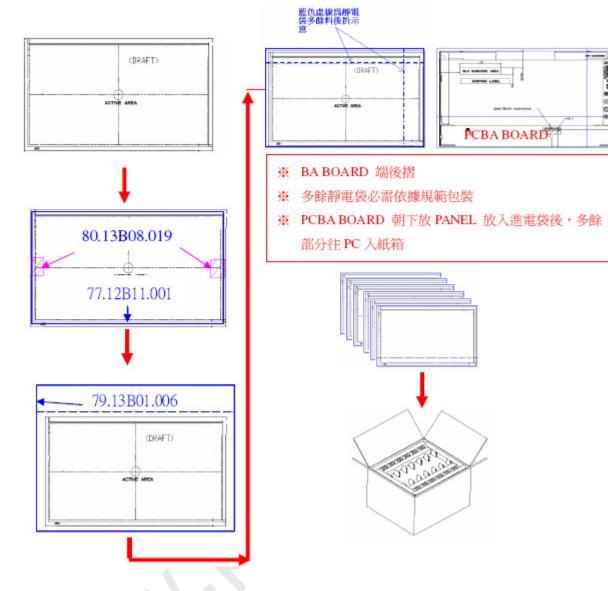
Manufactured MM/ WW Model No: B125XW02 V.0 **AU Optronics** MADE IN CHINA (\$01) H/W: 0A F/W:1







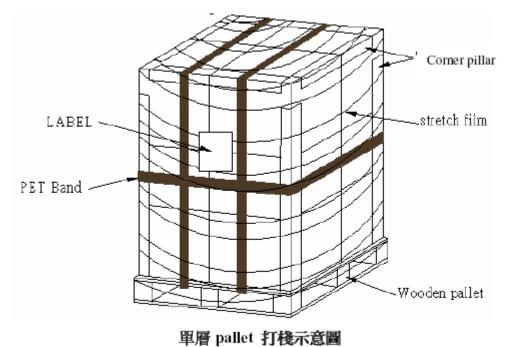
9.2 Carton Package







9.3 Shipping Package of Palletizing Sequence







10. Appendix

10.1 EDID Description (TBD)